

PERMANENTE CREEK TRAIL PROJECT, HIGHWAY 101 TO OLD MIDDLEFIELD WAY

CONSTRUCTION UPDATE NO. 7

Updated: August 15, 2011

Note: This construction update webpage will be updated monthly for the duration of construction of the Permanente Creek Trail Project. The webpage may be updated more frequently should the need arise to inform the public about a specific event, issue, and/or construction activity.

**** General construction information and project schedule are shown below. The current construction update is shown on the next page. ****

Construction – General Information

Construction of the project began in December 2010 and is expected to continue through spring 2012. The bridge will be constructed before the tunnel.

Pile driving will be necessary to construct the foundation of the bridge. Pile driving may cause considerable noise and vibrations. Specific information about pile driving including the hours and locations it will occur will be distributed to directly impacted residents and businesses. During the bridge construction, the trail from Highway 101 to Charleston Road will be closed, and freeway and lane closures on Highway 101 will occur at night between the hours of 12am and 5am. Work in the freeway median and construction of the bridge above the freeway may cause temporary traffic delays through the construction site.

During the tunnel construction, it will be necessary to close Telford Avenue from Old Middlefield Way to Spring Street for 45 days during the 2011 Crittenden School summer recess. In addition, lane closures and traffic control along Old Middlefield Way between Highway 101 and Sierra Vista will be necessary.

Construction vehicles and equipment will enter and exit the work zone during construction and this movement will have some impact on traffic on Charleston Road and Old Middlefield Way.

Residents and businesses directly impacted by construction will be notified of specific events and construction impacts during construction.

The overall construction schedule is as follows:

Begin Project Construction	December 2010
Pile Driving	December 2010 to February 2011
Bridge Construction	December 2010 to December 2011
Tunnel Construction	Summer 2011 to Spring 2012
45-day Telford Avenue Closure	Summer 2011
Complete Project Construction	Spring 2012

**** Current Construction Update ****

The following construction update covers the period from July 1 through July 31, 2011.

Major Work Completed To Date (Month Completed - Activity)

July 2011 – Completion and painting of the concrete bridge barrier, and floodwall, as well as the excavation and slab steel reinforcement for retaining walls 2 & 3. Completed first section of Old Middlefield Way Tunnel.

June 2011 – Completed floodwall

May 2011 – Completed placement of concrete bridge deck (Bent 5 to Hinge 1 and Bent 11 to Abutment 16)

April 2011 - Completed bridge footings and columns on north and south sides of Hwy 101

March 2011 - Completed bridge footings and columns, abutment No. 1 through bent No. 9

February 2011 - Pile driving completed

February 2011 - Bridge footings completed

Progress of Work – July 2011

- Construction continued with the first section of the tunnel crossing under Old Middlefield, with the slab concrete placement.
- Completion and painting of the concrete bridge barrier, as well as the excavation and slab steel reinforcement for retaining walls 2 & 3.
- Work continued with the painting of the SCVWD floodwall along the new pedestrian pathway.
- The new concrete bridge deck was also completed from Hinge 2 to Bent 11.

Work Planned and Impacts to the Public – August 2011

Planned Work:

- Work will continue with the Stage 1 box culvert (tunnel) and Retaining Wall 2 & 3 construction behind the temporary k-rail.
- The north side will consist of pre-stressing the bridge from Hinge 2 to Bent 11, and reinforcement/forming/pouring of concrete barrier.
- The south side of the project will consist of completion with the work that will allow reopening of Telford, consisting of utility relocations, storm drain systems, and pump station.
- Continue with storm water pollution and prevention establishment and maintenance.

- The project will continue with SWPPP monitoring, maintenance, and compliance.

Impacts to the Public:

- Traffic delays are expected while motorists become familiar with the new lane alignment. This lane alignment will be in place for several months while the bridge is being constructed.
- The construction of the tunnel crossing at Old Middlefield, in conjunction with the extended closure of Telford Avenue. The current pace of the work will allow the reopening of Telford in August 2011.
- Motorists are encouraged to consider alternate routes including Amphitheatre Parkway, Old Middlefield Way, Rengstorff Avenue, Shoreline Boulevard, and Charleston Road to avoid traffic delays during construction.

For more information regarding the Permanente Creek Trail extension project, please contact the City's project manager:

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Construction Photos – July 2011



Photo 1 – SCVWD Floodwall and new bike path along Permanente Creek Trail.



Photo 2 – New Access at Charleston Road for Permanente Creek Trail.



Photo 3 – Phase 1 of new construction of trail tunnel under Old Middlefield Road.



Photo 4 –Ground water encountered during the placement of new piping at the Old Middlefield tunnel.